

DATA ERASING APPARATUS

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ABSTRACT OF THE DISCLOSURE

10 The invention enables a magnetic disk drive to be  
inserted and removed against an attraction force exerted  
by a magnetic force that is strong enough to erase data  
on a magnetic disk enclosed within a metal case. A  
converting mechanism comprising a ballscrew and a  
ballscrew nut bracket is provided that converts  
15 rotational motion of a handle into translational motion  
of an HDD holder; by rotating the handle, the HDD holder  
with the hard disk drive mounted thereon is moved in the  
inserting and removing directions by overcoming the  
attraction force being exerted by the magnetic field  
20 generated by means of a permanent magnet. An electric  
motor may be used to generate the rotational force.